

CDF II Preliminary 5.4 fb<sup>-1</sup>

Backgrounds in the  $\phi b \rightarrow b\bar{b}b$  search

Background component	Best fit in the background only hypothesis result	Expected events normalizing the double tagged sample
bbB	$1227 \pm 891$	950
Bbb	$1672 \pm 738$	1280
Cbb	$< 90$ ( $1\sigma$ )	550
Qbb	$1964 \pm 169$	1820
bbX	$742 \pm 293$	1080